


Attached hereto is a marked-up version of the changes made to the claims by the preliminary amendment. The attached appendix is captioned "Version with markings to show changes made."

If the Examiner has any questions regarding the amendment presented herein, it is requested that the Examiner contact the undersigned at the telephone number shown below.

An early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

ROBERTS & MERCANTI, L.L.P.

  
Michael N. Mercanti  
Reg. No. 33,966

ROBERTS & MERCANTI, L.L.P.  
105 Lock Street, Suite 203  
Newark, New Jersey 07103  
Phone: 973-621-0660  
Fax: 973-621-0774

"Express Mail" mailing label no. EL 869 002 396 US  
Date of Deposit September 6, 2001  
I hereby certify that this correspondence and/or fee  
is being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service under 37  
CFR 1.10 on the date indicated above, in an envelope  
addressed to: "Assistant Commissioner for Patents,  
Washington, DC 20231".

ROBERTS & MERCANTI, L.L.P.

By: 

Michael N. Mercanti

**UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of: SONG, Si-Hoon  
Serial No.: To be assigned  
Filed: Herewith  
For: **A VITAL MATTER AND A PRODUCING METHOD**  
Group Art Unit: Unknown  
Examiner: Unknown  
Docket No.: 428.1007

**APPENDIX I**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

Before the paragraph beginning at line 1 of page 1, please insert the following paragraph:

--This patent application claims a benefit of priority from Korean Patent Application No. 1999-0007707 filed March 9, 1999 through PCT Application Serial No. PCT/KR00/00177, the contents of each of which are incorporated herein by reference.--.

**IN THE CLAIMS:**

Claim 1 has been amended as follows:

1. (Amended) A vital matter ~~and a producing method thereof, wherein the vital matter is~~ prepared by the ~~following~~ process comprising the steps: 1) preparing a composition containing kaoline (white soil) 30.0-40.0\_wt%, potassium sulfate 15.0-20.0\_wt%, sodium sulfate 13.0-17.0\_wt%, feldspar 12.0-16.0\_wt%, talc 12.0-16.0\_% and ferric oxide 0.5-1.5\_wt% (~~step 1~~) ; and 2) mixing the above-mentioned ~~compositin~~ composition using a compressed molding method (~~step 2~~) ; and 3) heating the mixed composition at 1000-1300°C (~~step 3~~) .

Claim 2 has been canceled.

Claim 3 has been amended as follows:

3. (Amended) The vital matter prepared ~~and the producing method thereof~~ according to claim 1, ~~wherein the vital matter is composed of~~ further comprising potassium 19.06-23.29\_wt%, calcium 14.21-17.36\_wt%, sodium 12.30-14.97\_wt%, magnesium 11.98-14.64\_wt%, silicon 13.74-16.80\_wt%, ~~aluminium~~ aluminum 12.21-15.13\_wt%, iron 3.48-4.26\_wt%, titanium 0.95-1.17\_wt%, manganese 0.28-0.40\_wt%, zinc 0.17-0.20\_wt%, germanium 0.07-0.09\_wt%, selenium 0.03-0.04\_wt% and other elements 1.36-1.67\_wt%.

Claim 4 has been amended as follows:

4. (Amended) The vital matter ~~and the producing method thereof~~ according to claim 1, ~~wherein a composition of the vital matter is used in combination with~~ further comprising a synthetic resins ~~after prepared~~ resin in the form of a minute powder ~~of~~ of ranging from 200-350 mesh.

New claim 5 has been added:

- 5. (New) A method of preparing vital matter comprising the steps: 1) preparing a composition containing kaoline (white soil) 30.0-40.0 wt%, potassium sulfate 15.0-20.0 wt%, sodium sulfate 13.0-17.0 wt%, feldspar 12.0-16.0 wt%, talc 12.0-16.0 % and ferric oxide 0.5-1.5 wt%; 2) mixing the above-mentioned composition using a compressed molding method; and 3) heating the mixed composition at 1000-1300°C. --.

New claim 6 has been added:

- 6. (New) A method of preparing vital matter according to claim 5, wherein said heating is carried out for a time period of 2 to 3 hours. --.

